

M. V. Frolov

Differentiation between Degree and Direction of Emotional Tension in Man According to Change in Intonational Characteristics of Speech, by

M. V. Frolov, 6 pp.

RUSSIAN, per, Psichologicheskiye Osobennosti

Poloshitel'nykh i Otritsatel'nykh Emotsional'nykh

Sostoyaniy, Moscow, 1972, pp 128-132.

JPRS 59072

May 73

FRIZOV, V. A.
//DOKLADY AKADEMII NAUK SSSR, EARTH SCIENCE//
--/--/1973, V0210, N0006,
Age of Facophorite of the Uda-Selendzhin
Interfluv, Khabarovsk Krai,
pp 1417-1418, AGISS

Prolov, V. V.

**Calculation of Temperature Fields in Multilayer
Shells 17 pp**

**INVESTIYA AKADEMIYI DOKL. AKADEMII I INZHINER.,
No. 4, 1971, pp. 114-121**

FTD-HT-23-603-73

Frolov, Ya. P.

New data on the role played by the sympathetic nervous system in the regulation of antibody formation and development of anaphylactic shock. 8 pp.

PATOLOGICHESKAYA FIZIOLOGIYA I EKSPERIMENTALNAYA

TERAPIYA, No 4, 1978, pp 79-82

AIR/FTD-28-371-74

Frolov, Yu.

Service of Private Cars Discussed.

6 pp

AUTOMOBIL'NYI TRANSPORT. Moscow, No 2, Feb 1974,
pp 23-25.

JPRS 61702

Frolov, Yu. V.

Convective Burning of Porous Explosives.
The Physics of Combustion and Explosion, Vol. 8,
No. 3, September 1972, pp. 388-379.
NISC 3484

24-Aug-73

Unc1 (ORNL-tr--2654) Equilibrium pressure of carbon
monoxide over niobium--oxygen--carbon solid solutions.
FRDMH, E.; SPAETH, G. Translated by R.G. Mansfield from
Z. Metallk.; 59: No. 1, 65-68(1968). 13p. Dep. NTIS
\$3.00.

07D chemistry (physical); 11F metallurgy; translations
MN-25 P NSA

16-Aug-73
Uncl (ORNL-tr--2453) Equilibrium pressure of carbon
monoxide over tantalum--oxygen--carbon mixed crystals.
FROMM, E.; HEINKEL, O. Translated by R. Gregg Mansfield
(Oak Ridge National Lab., Tenn.) from Z. Metallk.; 58:
No. 11, 805-810(1967). 20p. Dep. NTIS \$3.00.

11F metallurgy; translations
MN-25 P USA

From, Hatchard

Equilibrium Pressure of Carbon Monoxide Over Niobium-
Oxygen-Carbon Solid Solutions 12 pp

Z. Metallkunde., 59(1): 65-8 (1968).

ABC/CHE-TR-265-73

FROMMOLT, A.

//ZEITSCHRIFT FÜR GASTROENTEROLOGIE//

--/--/1972, V0010, N---,

*Influence of coffee and caffeine on the recovery
rate from stress-induced ulcers in rats,*
pp 107-112, NTC 74-11457-06E##

Fronin, V.

Waste Paper Mismanagement in Kalinin.

5 pp

KONSOMOL'SKAYA PRAVDA, Moscow, 1 Mar 1974, p 2.

JPRS 61917

J. Fronteau

The Liouville Theorem and the General
Problem of Stability, by J. Fronteau.
ENGLISH, per, European Organization
for Nuclear Research, CERN, 1965.
NTC 72-11012-12B

May 72

FRUHAUF, H. H.

//DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT FÜR
LUFT- UND RAUMFAHRT INSTITUT FÜR LUFTSTRAHLANTRIEBE//

--/04/1974, V-----, M-----,

A method of characteristics for three-dimensional,
steady supersonic flow in rotating and stationary
annular cascades, 66 pp.

Report Number DLR-FB 78-13,

RSRO TT-44, OFFER FROM NTIS#

Fruse, V.

Variegated Profitability in BSSR Meat Industry
Criticised.

5 PP

PROMYAENOST' BELORUSSII, Minsk, No 12, 1973.

PP 45-47.

JPRS 61809

Fu'ad, Sa'd Zaghlud

Land Reclamation to Make Iraq a Breadbasket
Once Again, 6 pp.

AL-THAWRAH, Baghdad, 26 Aug 74, p 6.

JPRS 63271

Dec 74

FUCHS. D.

//DEW TECH. BER//

--/--/1973, V-----, n0012

Use of composite centrifugally cast tubes as inner liners for containers in extrusion unit

pp 207-21 BISI 11925##

Fuchs, Gerhard

Former Comintern Agent Discusses Maoist
Threat, 8 pp.

DAS VOLK, Erfurt, 13 Feb 74, pp 3, 6.

JPRS 61560

Apr 74

W. Fucks

About Electromagnetically Generated Shock Waves
at High Mach Numbers, by W. Fucks.

HURPEAN, per, ~~Monksman~~, Vol 7, 1962,
pp 417-419.

HTC 71-15495-201

Mar 72

A. Fuderer

Azeotropic and Other Frigen Mixtures as
Refrigerants, by A. Fuderer
GERMAN, per, Kältetechnik, Vol 15, 1963,
pp 235-239
NTC 71-15102-11G

mar 72

Vincenc Fuciman

Deals of Chemical Industry in 1973 Reviewed,
by Vincenc Fuciman, 5 pp.

GOVERNMENT USE ONLY

CZECH, SLOVAK, per. Chemicky Průmysl, Prague,

No 1, 1973, pp 1-2.

JPRS/L 4449

Apr 73

25-Jul-74
Incl (ORNL-tr-2826) Alternate torsion of austenitic
stainless steels at elevated temperatures. Part I.
Mechanical response. FUENTES, M. Translated by R. G.
Mansfield from Rev. Met. (Madrid); 8: No. 2, 91-
97(1972). 10p. Dep. NTIS \$4.00.

11F metallurgy: translations
MN-25 P NSA

revision

Fuernberg, Friedl

CP Chairman Franz Muhri Biography, 5 pp.
VOLKSSTIMME, Vienna, 19 Oct 74, supplement,
pp 1-2.
JPRS 63372

Dec 74

Fuhrherr, Vilian

Czechoslovak Role in International Student Organi-
nation,

9 pp

SMENA, Bratislava, 4 May 1974, pp 1, 2,

JPRS 62159

Fuhrmann, J.

Recrystallization and melting initiated by
diffusion of solvents in polymers.

DEUTSCHE BUNDESGESELLSCHAFT FÜR PHYSIKALISCHE
CHEMIE. ZEITSCHR. Vol. 74, 1970, p. 842-847
NIC 79-11463-07D

Investigation of Greater Performance in a
Self-Propelled Ship Model

J. SOC. NAV. ARCH. JAPAN

GB/DEFDRIC/TRAN-3373-73

Pajii, M.

Gondola Descending Point Estimation.
Tokyo University. INSTITUTE OF SPACE & AERONAUTICAL
SCIENCE, JOURNAL Vol 6, No 1a 1970, pp 49-57

*AFSC (6 Jul 73)

July 1973

FUJII, S.

//MINUTEMAN BOMBI//

--/--/1973, V0027, R0006, pp 0249-0252

The current state of plant damage by air
pollution in Okayama prefecture

HTC 74-12688202D

#

FUJII, S.

**Lipases of Higher Animals and their Biological
Significance**

SEIKAGAKU, vol. 43, no. 12, pp. 1022-1042, 1971

NRC C-11808

March 73

Collision of Plates and Gravity Anomalities, by
Y. Fujii, 7 pp.
JOURNAL OF THE GEODETIC SOCIETY OF JAPAN, Vol 18,
No 2, 1972, pp 58-61.

DMAAC-TC-1934

GOVERNMENT USE ONLY

June 73

FUJIMOTO, Y.

//YAKUGAKU ZASSHI//

--/--/1965, V0085, N----,

Synthesis of pyrimidine and purine bases. Part 1,

Synthesis of adenine from malonic ester,

pp 364-367, NTC 74-11501-080#

FUJIMOTO, Y.

//YAKUGAKU ZASSHI//

--/--/1965, V0080, N-----,

Synthesis of pyrimidine and purine bases. Part 2.

Synthesis of adenine from malonic ester,

pp 367-370, NTC 74-11502-080##

7-Jun-74

Unc1 (JAPFNR--147) Metallurgical modification of austenitic stainless steels for uses in FBR, a preliminary survey. FUJIMURA, T.; KONDO, T.; NAKAJIMA, H. (JAPAN ATOMIC ENERGY RESEARCH INST., TOKAI, IBARAKI. TOKAI RESEARCH ESTABLISHMENT). Feb 1974. 70p. (PNC-N--251-74-8). Dep. NTIS (US Sales Only) \$6.50. For Power Reactor and Nuclear Fuel Development Corp., Tokyo (Japan).

11F metallurgy; 18J reactor materials; 18L reactors-power; translations
STD-79b NP NSA

1-Mar-74
Uncl (JAPFNR--125) Response of structural materials
to impulsive loading for fast breeder reactor
development. FUJIMURA, T.; UEDA, S.; OBA, T. (JAPAN
ATOMIC ENERGY RESEARCH INST., TOKYO). Jul 1970. 55p.
Dep. NTIS (U.S. Sales Only) \$4.75.
For Power Reactor and Nuclear Fuel Development Corp.,
Tokyo.

18J reactor materials; 18L reactors-power
NN-79b NP NSA

Fujimura, Y.

Effect of Austenizing Condition on the Lower Bainite Transformation in an Eutectoid Carbon Steel

HIPOON KUROKI, 1972, 36 (1), pp 87-90

NSA-11218

H. Fujisaki

Corrosion of structural materials in desulfurization plants.

SEKIYU GAKKAI SHI, Vol 14, No 9, 1971, pp 691-695

ATS 31A130J

may 73

Seiichi Fujise

Stability of aqueous solutions of HCN in the presence of ammonia or ammonia and CO₂. 12 pp.

KOGYO KAGAKU ZASSHI, Vol 64, No 11, 1961, pp 1889-1891

NASA TT F 14,691

apr 73

4-Mar-74

Uncl (SLA--74-6008) Photosensitized electrolytic
oxidation at a TiO_2 semiconductor electrode. FUJISHIMA,
A.; HONDA, K.; KUKUCHI, S. Translated from Kogyo
Kagaku Zasshi; 72: 106-113(1969). 25p. Dep. NTIS
\$3.25.

2vL physics (solid-state); translations
MN-34 P NSA

4-Mar-74

Uncl (SLA--74-6009) Studies of the
photoelectrochemical reactions of a TiO_2 semiconductor by
the rotating ring-disk electrode method. FUJISHIMA, A.;
HONDA, K. Translated from Seisen Kenkyu; 22: 478-
481(1970). 16p. Dep. NTIS \$3.00.

20L physics (solid-state); translations
MN-34 P NSA

Fujita, T. et al

TRIP Steel in Japan. I - Properties of HSLA
and Modified TRIP Steels.
TETSU TO HAGANE, vol. 57, 1971, No. 8, Lectures
IFI and I42, pp. S141 and S142.
HB 8959

HAGANE, Tetsu et al.

Part III - Effect of Titanium and Zirconium
and Heat Treatment on the High Temperature
Strength of Austenitic Heat-Resisting Steels.
TETSU TO HAGANE, vol. 57, 1971, No. 2, pp. 209,
210, 211, and 212; pp. 8209, 8210, and 8211.
NB 8950

FUJIMURA, T.
//HONKINETSU BOKKI//
--/--/1973, V0027, W0006, pp 0233-0236
Damage to plants caused by complex
pollution of atmosphere
HTC 74-12689-02D
#

FUJIMURA, T.
//KOGAI TO TAIHAKU//
--/--/1973,V0009,N0003, pp 0253-0257
Effects of nitrogen oxides on plants
NTC 74-12668-02D
#

Fuks, I. M.

Spectral Width of Signals Scattered on a Wavy Sea Surface.

14 pp

AKUSTICHESKIY ZHURNAL. Moscow, Vol 20, No 3, 1974,
pp 458-468.

JPRS 62958

V. R. Fuks

Effect of Internal Tidal Waves on the Diurnal
Vertical Migration of Plankton.

RUSSIAN, per, Tikhookeanskii Morskoy-
Isledovatel'skii Institut Rybnogo Khozyaystva
i Okeanografii. Izvestiya, Vol 47, 1959,

pp 3-35

HTC 72-60463-08A

sept 72

Fukuba, H.

Studies on Lipoxidase. III. Optimum pH of
Lipoxidase.

AGRICULTURAL CHEMICAL SOCIETY OF JAPAN, V.26,
pp.170-172, 1952.

*NTIS TT 74-53100

Fukuba, H.

Studies on Lipoxidase

AGRICULTURAL CHEMICAL SOCIETY OF JAPAN
Vol 26, 1962, pp 167-170

*NTIS-TT-74-53095

Fukuba, H.

Studies on Lipoxidase

AGRICULTURAL CHEMICAL SOCIETY OF JAPAN

Vol 25, 1952, pp 483-487

*NTIS-TT-74-53099

Fukuda, H.

Production of Titanium-Stabilized Ferritic
Carbon Steel for Deep Drawing

TETSU TO HAGANE, Vol. 69, 1979, No. 3, pp. 231-
240.

HB 8996

FUKUMOTO TSUTOM JA

WASTE GAS AND WATER DISPOSAL ACCOMPANYING THE
INCINERATION OF PLASTIC SCRAP

FSTC-HT-23-0990-74

FUKUOKA, S.

Pollutant Concentrations and Meteorological
Conditions in Tokyo during Smog Alerts
KOGAI TO TAISAKU, vol. 2, no. 11, pp. 17-26, 1966
NTC 73-10162-04B

March 73

K. Fukuta

A Study of Dip Cooling. Part I - Critical Temperatures
in Dip Cooling. Part II - Nucleation and Leidenfrost
Points in Liquid-Drop Vaporization. Part III - Rela-
tionship Between Cooling, Vaporization, and Boiling
Curves, by K. Fukuta and M. Mitsuoka.
TEKUI TO HAKKAI, Vol 57, 1971, No 11, Lectures 241,
242, and 243, pp 8241, 8242, 8243.
EB-8827-1

April 73

Polymers, Y.

Biological Survey of Primary Protein
Inhibitors in the Tumor Necrosis Factor
Gene to Suppression, Y. M., D. A., 1977, pp. 24-
25

WFO 73-11072-002

A. Fulara

Important diseases of poppy.

Ochrona Roslin, vol. 12, no. 3, Warsaw, pp.

16-17, 1968

*NTIS-YT-73-54079

may 73